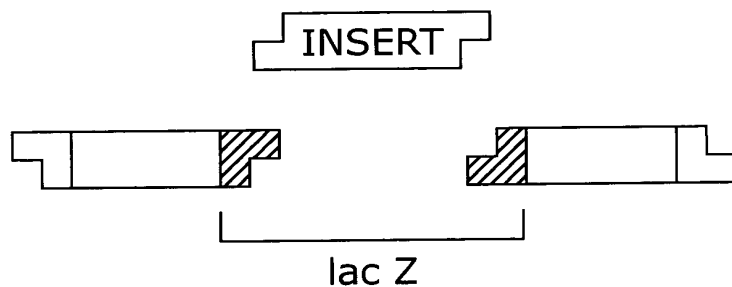


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#3



- 1) Ligate Insert
- 2) Helper phage will circularize /Gxise
- 3) White colonies should contain Insert

FIG. 1

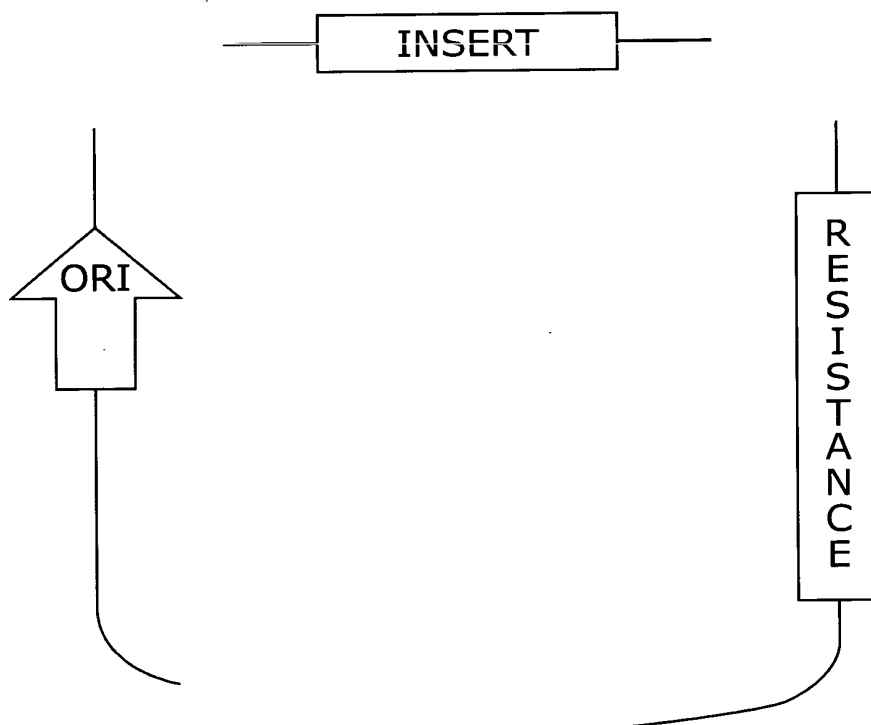


FIG. 2

00040354-010800

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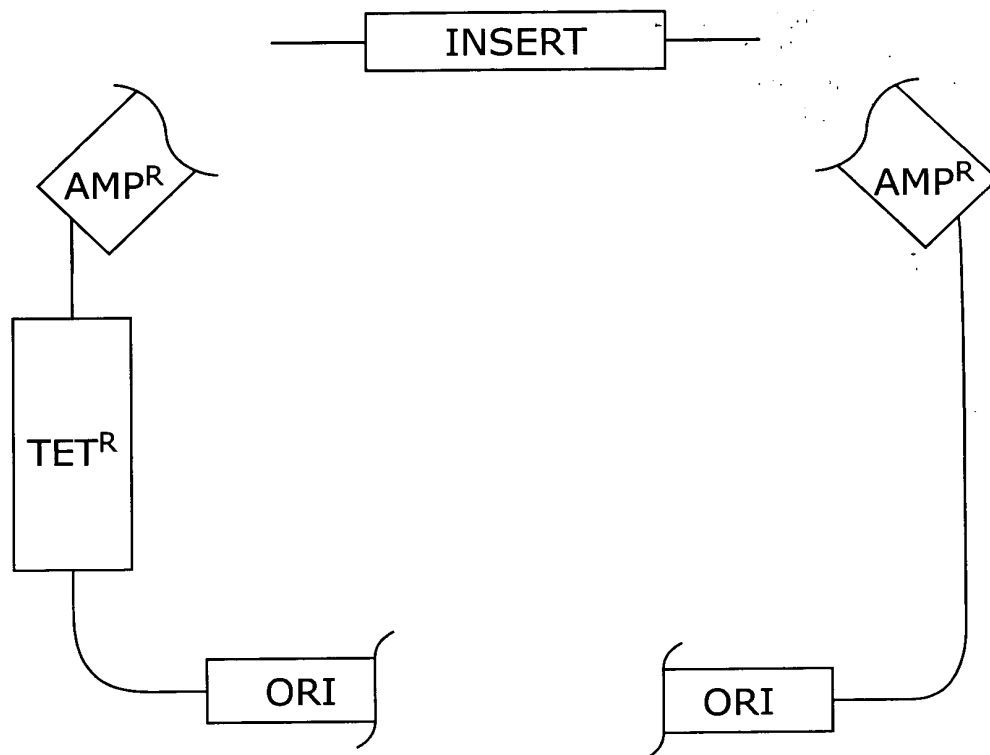


FIG. 3

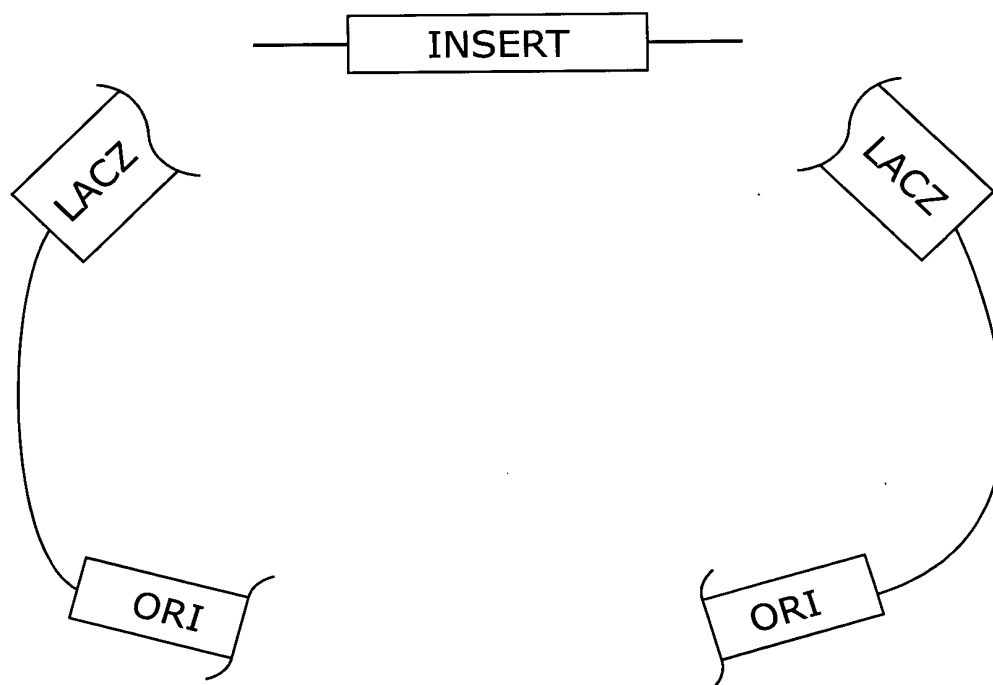


FIG. 4

0910354-010802

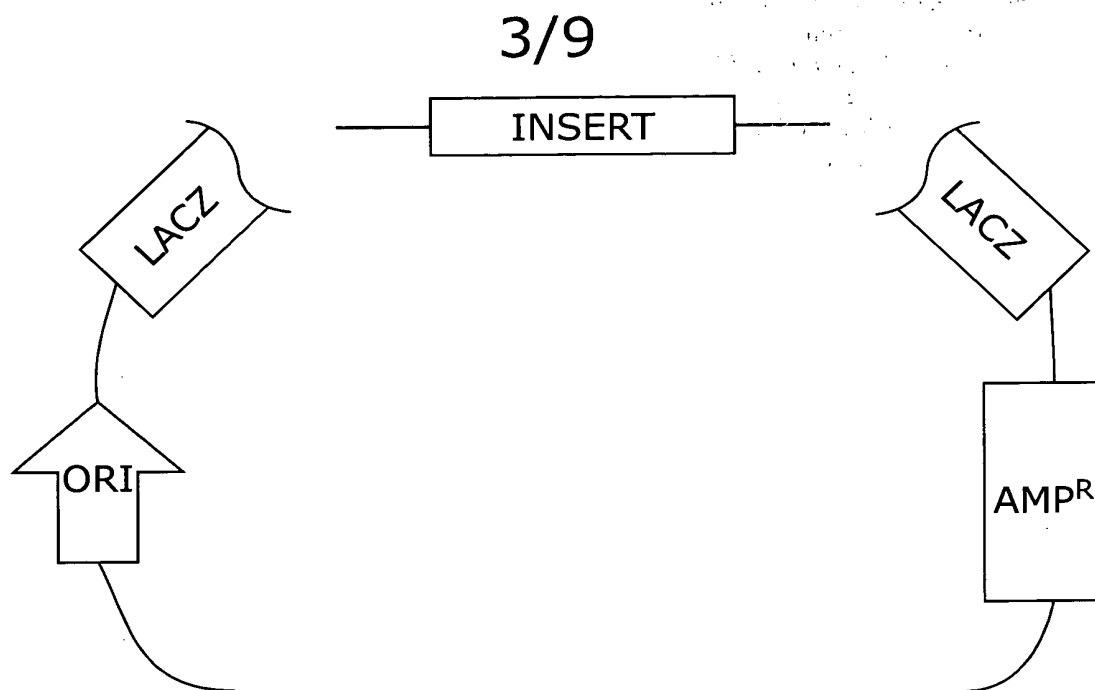


FIG. 5

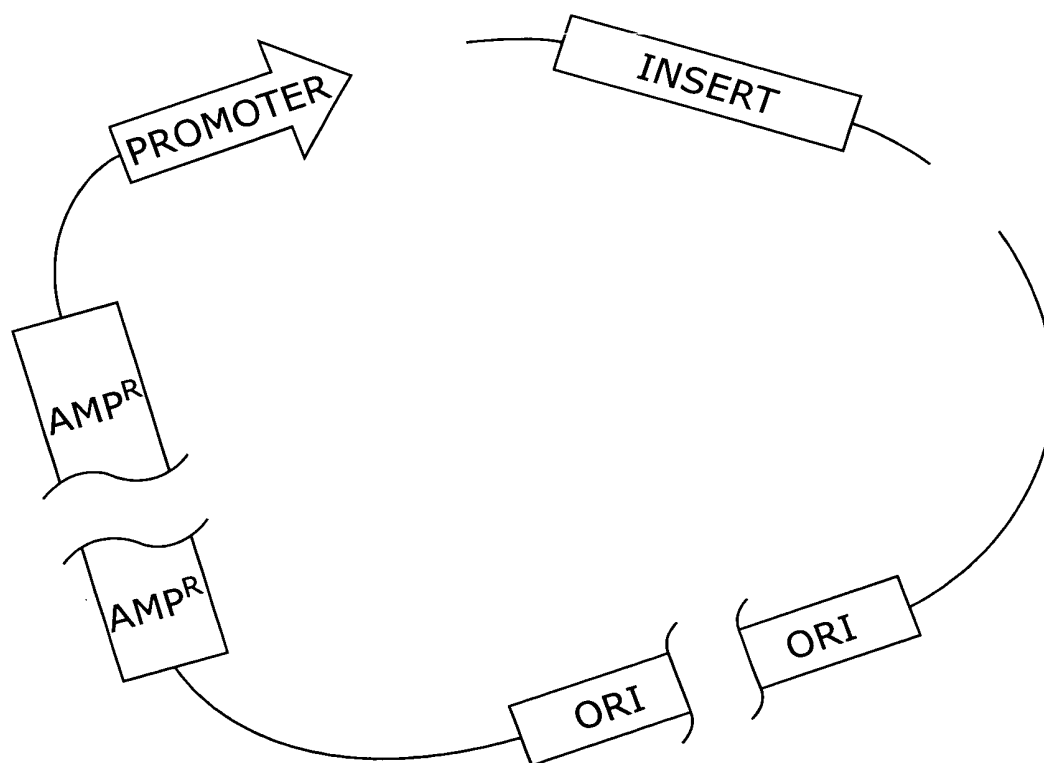


FIG. 6

208010-45601660

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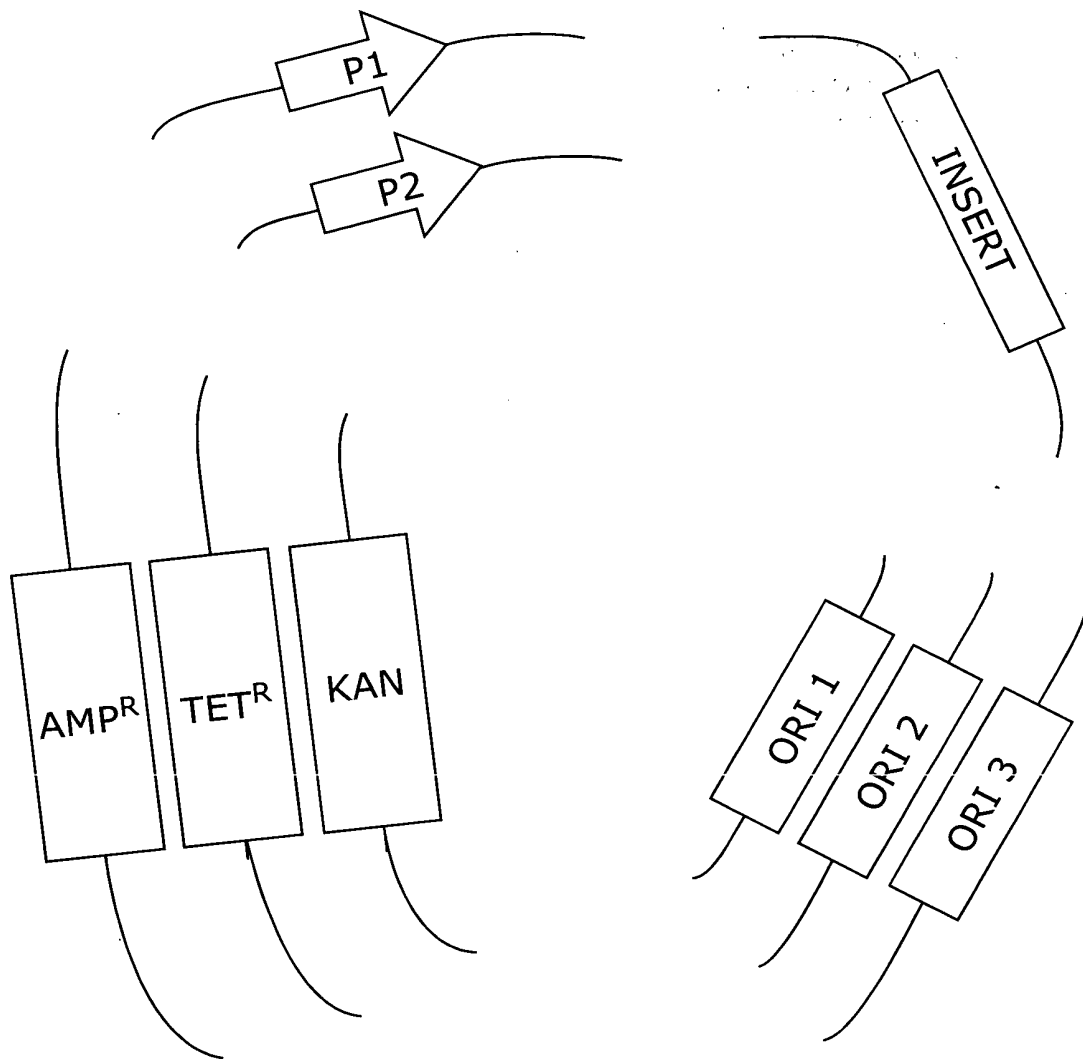


FIG. 7

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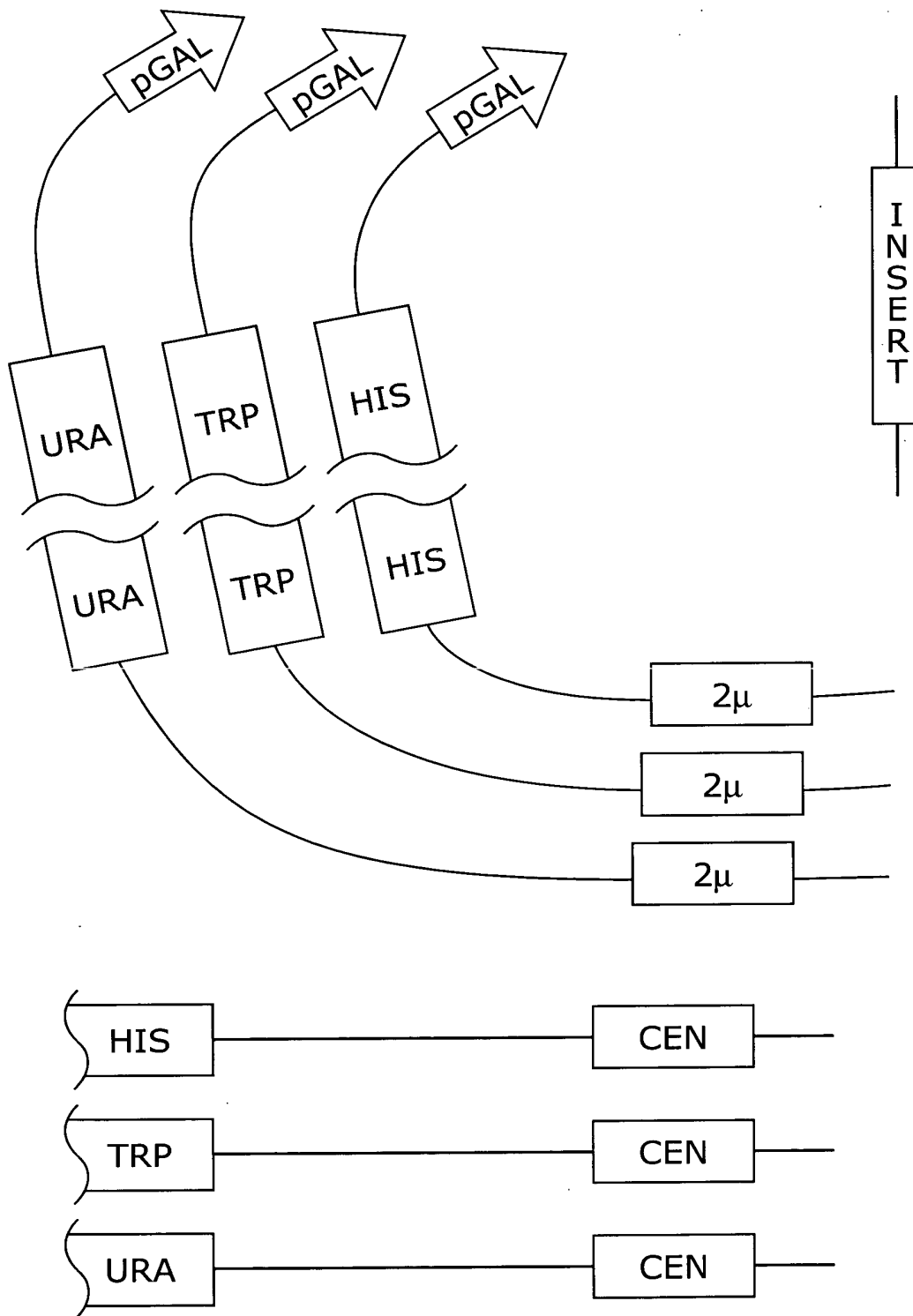


FIG. 8

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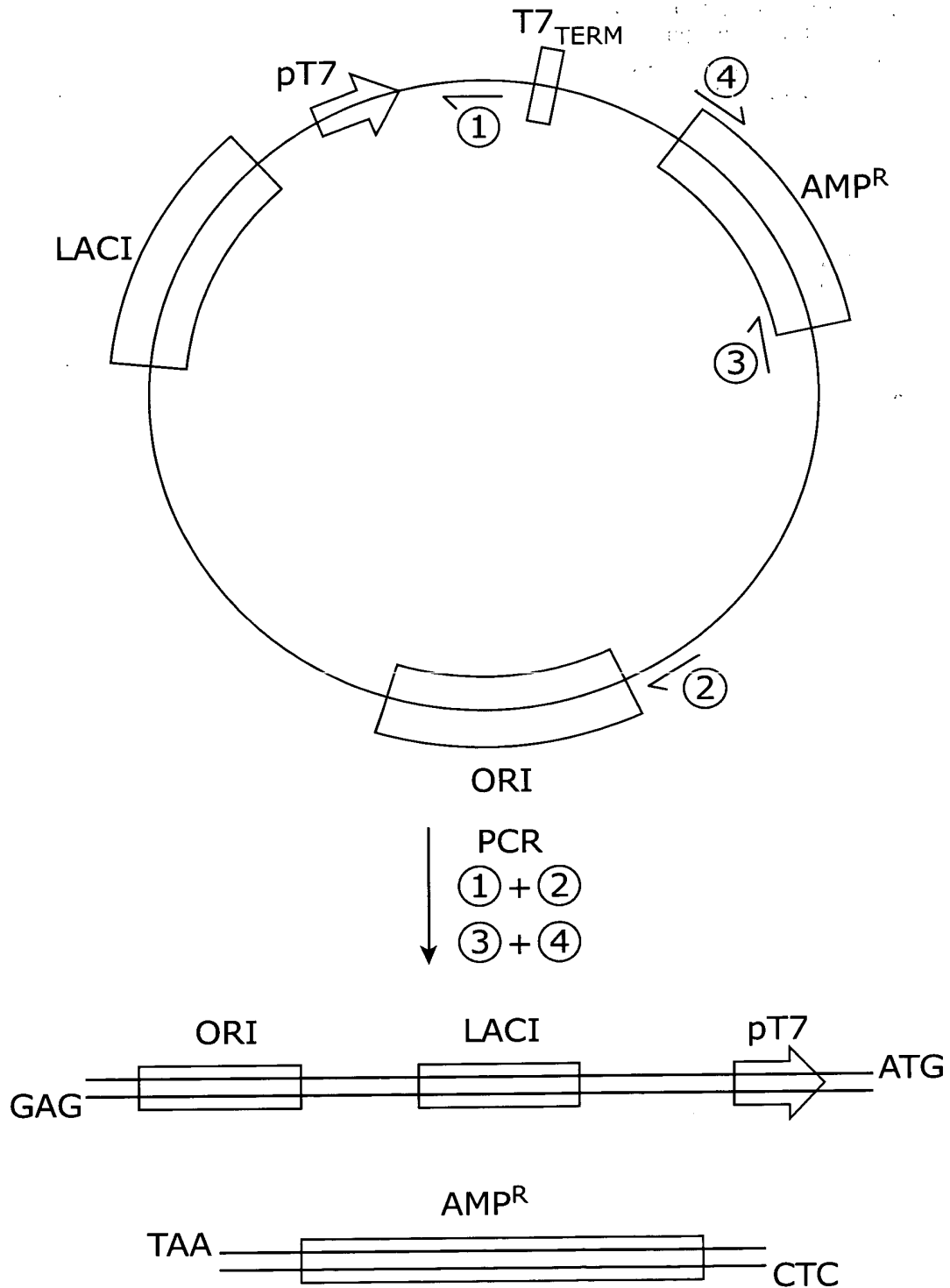


FIG. 9A

09940354-010802

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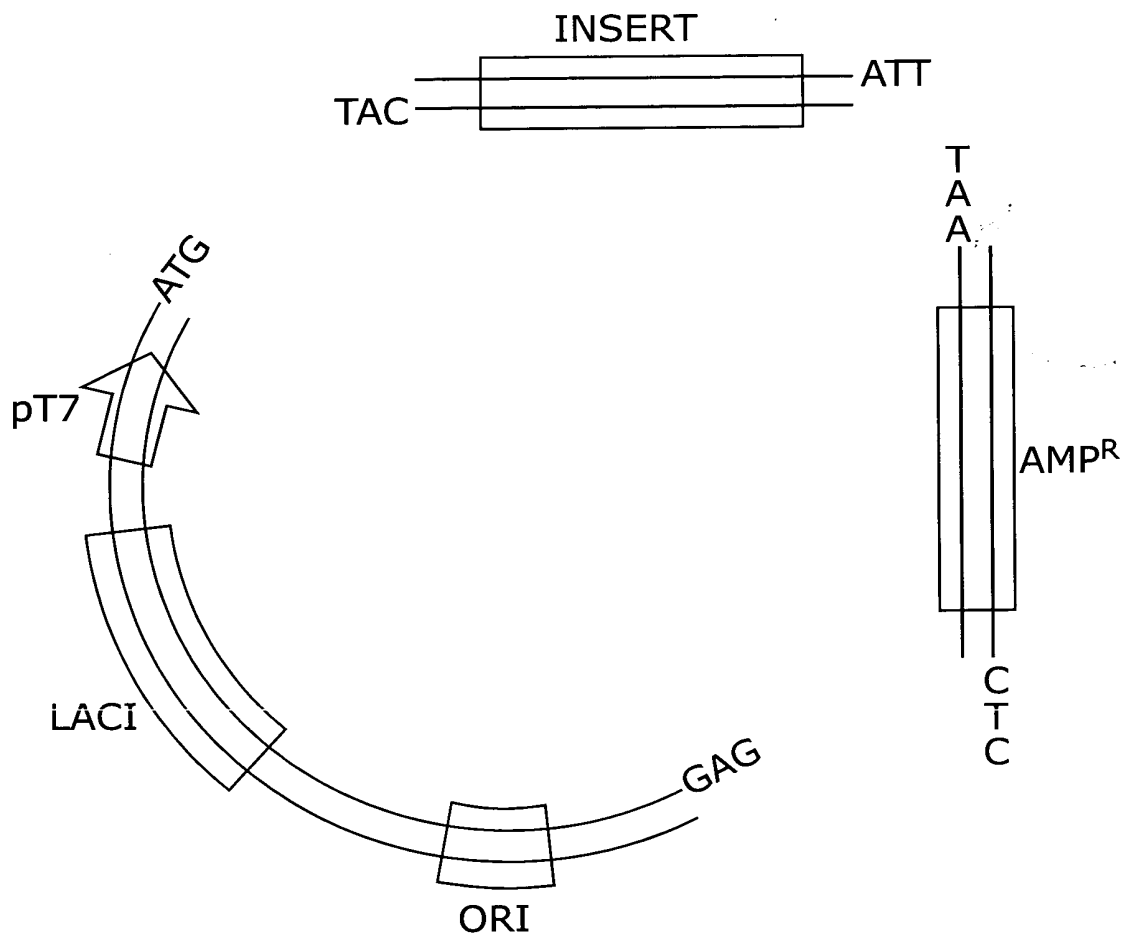


FIG. 9B

2030T0-45E01650

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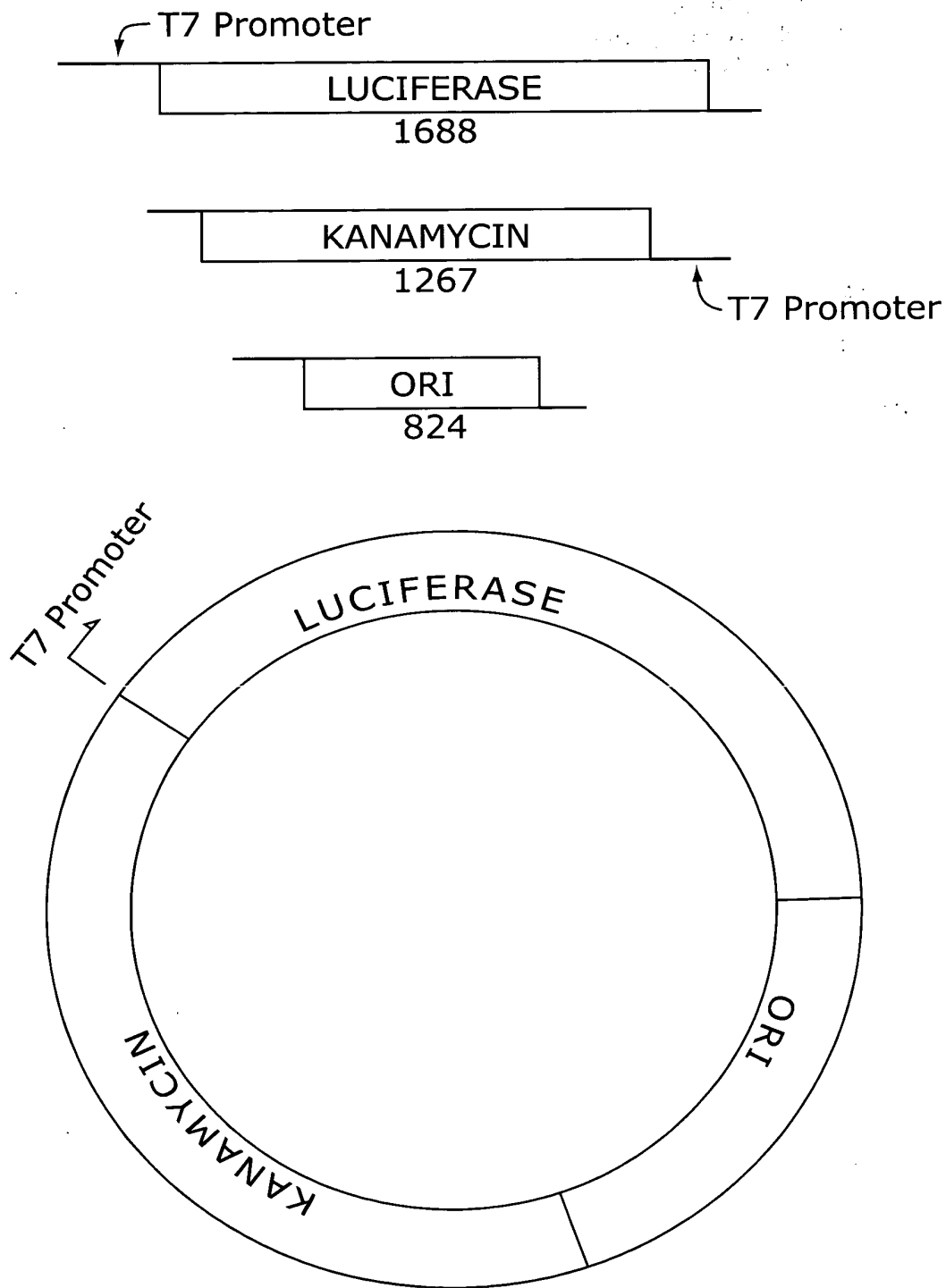


FIG. 10

0940354-010802

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3nt + 1nt Ribo Terminator Cloning
(2 molecule Vector)

(A)

ORI 2400 nt - size

3nt - 5'OST - CTG CTA AGT GAG ^{RNA}cuc GAC AGA
TCG CTG AGA TAG GTG C

3nt - 3'OHT - AAG CTT GCT AGG ^{RNA}uag GCT ACG
TCT TGC TGG CGT TCG

KAN 1267 - size

3nt - 5'KHT - CTA CCT AGC AAG ^{RNA}cuu CTA
TCT GGA CAA GGG AAA ACG

3nt - 3'KST - GAG CTC ACT TAG ^{RNA}cag GGC
GAA AAC TCT CAA GGA TC

(B)

ORI (s) 824 - size

1nt - 1NT5'ORI - TTG CTA AGT GAG CTc ^{RNA}GAC
AGA TCG CTG AGA TAG GTG C

- 1NT3'ORI (s) - AAG CTT GCT AGG Tag ^{RNA}
GGC GTT TTT CCA TAG GCT CCG

KAN 1267 - size

1nt - 1NT5'KAN - CTA CCT AGC AAG CTu ^{RNA}CTA
TCT GGA CAA GGG AAA ACG

- 1NT3'KAN - GAG CTC ACT TAG CAa ^{RNA}
GGC GAA AAC TCT CAA GGA

FIG. 11

09910354-010800